



NEW HORIZON COLLEGE OF ENGINEERING

CO-CURRICULAR CLUB



Event Details

Venue: Data Science Lab-3

Date: 27th November, 2024

Time: 11 am onwards

Faculty Coordinator

Name: Bandari Channarayana Priya

Designation: Associate Professor

Department: Computer Science (Data Science)

Event Description

The Data Analytics Club hosted a dynamic three-round event designed to test participants' problem-solving, teamwork, analytical, and visualization skills. Round 1 featured 55 teams tackling crosswords and completing tasks across campus in a fun-filled scavenger hunt. In Round 2, 18 teams created interactive dashboards using tools like Tableau and Power BI, showcasing creativity and technical expertise. The final round was an online quiz testing data visualization concepts and insights from previous rounds.

Round 1

The first round of the event witnessed the participation of 55 teams, with each team comprising two members. This round was designed to test the participants' problem-solving and teamwork skills through a fun and engaging activity.

Each team was randomly assigned one of three sets of crosswords, and the links to these crosswords were shared via the event's group. The participants had to collaboratively solve their assigned crossword within a stipulated time. Teams that successfully completed their crosswords moved on to the next part of the round. Upon completing the crossword, the qualifying teams were instructed to pick a chit containing a clue to a specific location on campus. Examples of these locations included:

- Nescafé
- Outdoor Gym
- Basketball Court
- Udupi
- Munch
- Ghost Rider

Each chit also detailed a unique task to be performed at the assigned location. Tasks ranged from taking selfies to capturing specific elements within the location. Teams had to complete the task, take a photograph as evidence, and return to the initial venue.

The top 15 teams, determined by their speed and accuracy in completing the tasks, advanced to the next round. This round not only highlighted the participants' analytical and decision-making skills but also added a layer of excitement and adventure to the event.



Round 2: Data Visualization

The second round commenced at 2:00 PM with 18 teams advancing from the previous stage. To ensure a fair start, each team was given 15 minutes (from 2:00 PM to 2:15 PM) to explore and understand the tools they could use, such as Tableau, Power BI, and Google Data

Analytics. This allowed participants to get familiar with the interface and features of the applications before beginning their main task.

At 2:15 PM, teams received a dataset and were instructed to create an interactive dashboard within the allocated one-hour time frame. They were encouraged to use a variety of data visualization techniques, including:

- Maps
- Bar Charts
- Line Charts
- Symbol Maps
- Pie Charts
- Gantt Charts

The objective was to showcase their analytical and creative abilities by presenting the data in a visually appealing and informative manner. Teams worked diligently, utilizing their tools and techniques to craft dashboards that effectively conveyed insights from the dataset. By 3:15 PM, all teams submitted their dashboards for evaluation. The judging panel, comprising Dr. Joshua Daniel Raj and Bandari Channarayana Priya from the Data Science Department, began their assessments at 3:20 PM. The judges evaluated the dashboards based on the following criteria:

- Creativity: How innovative and unique the visualizations were.
- Accuracy: The correctness of the data representation.
- Interactivity: The ability of the dashboard to engage and provide dynamic insights.

The evaluation process concluded by 3:50 PM, and the top-performing teams were selected to advance to the next round.



Round 3: Online Quiz

The third and final round began promptly at 4:00 PM. This round was an online quiz designed to test the teams' understanding of data visualization concepts, the dataset used, and the insights derived in Round 2. The quiz featured a mix of theoretical and application-based questions, requiring participants to think critically and recall their work from the previous round.

The quiz lasted for 30 minutes, ending at 4:30 PM. Scores were compiled immediately, and the top teams were announced as the event's winners, bringing the competition to an exciting conclusion.

Conclusion:

The event successfully combined teamwork, technical skills, and creativity, providing participants with an engaging and educational experience. The top-performing teams demonstrated exceptional analytical abilities and emerged as deserving winners, marking a triumphant end to the competition.